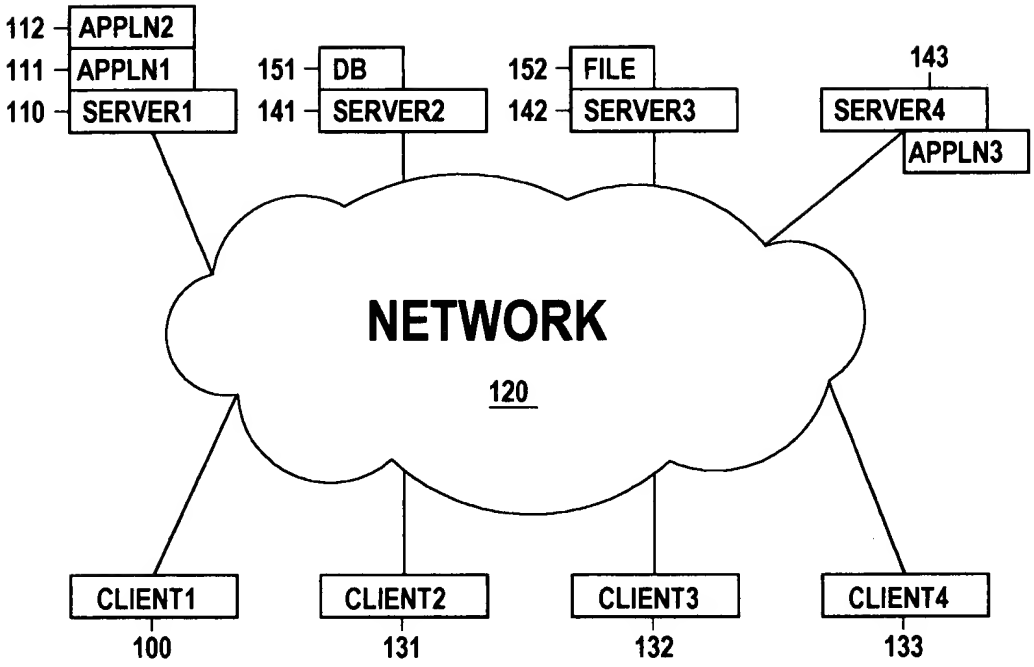
112
APPLN2
111
APPLN1
110
SERVER1
151
DB
141
SERVER2
152
FILE
142
SERVER3
143
SERVER4
APPLN3
NETWORK
120
CLIENT1
100
CLIENT2
131
CLIENT3
132
CLIENT4
133

FIG. 1

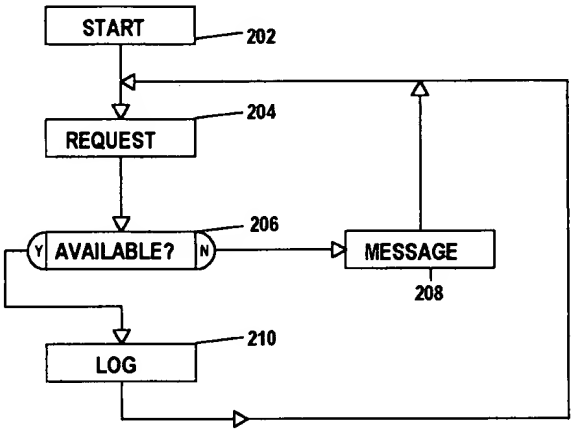
START
202
REQUEST
204
AVAILABLE?
206
Y
N
MESSAGE
208
LOG
210

FIG. 2A

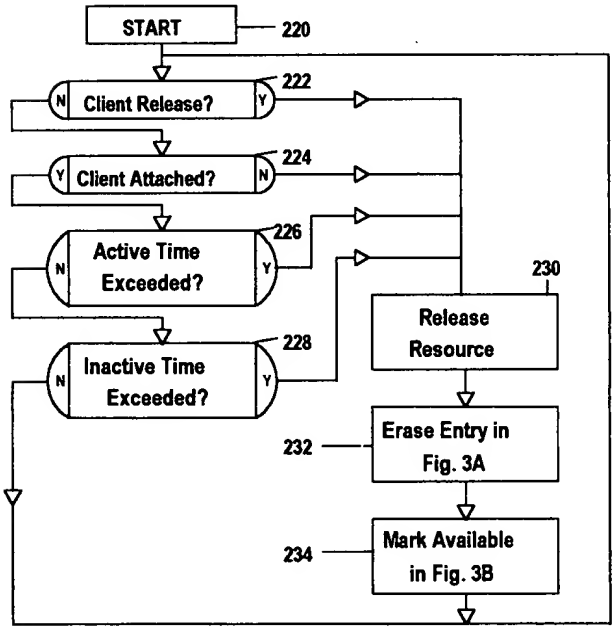
START
220
Client Release?
222
N
Y
Client Attached?
224
Active Time Exceeded?
226
Inactive Time Exceeded?
228
230
Release Resource
Erase Entry in Fig. 3A
232
Mark Available in Fig. 3B
234

FIG. 2B

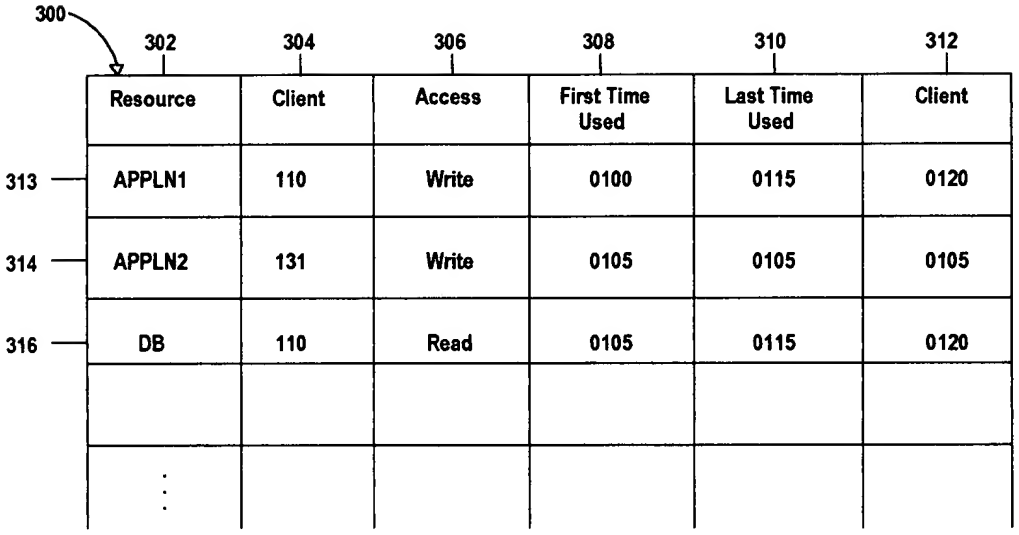
300
302
304
306
308
310
312
Resource
Client
Access
First Time Used
Last Time Used
Client
313
APPLN1
110
Write
0100
0115
0120
314
APPLN2
131
Write
0105
0105
0105
316
DB
110
Read
0105
0115
0120

FIG. 3A

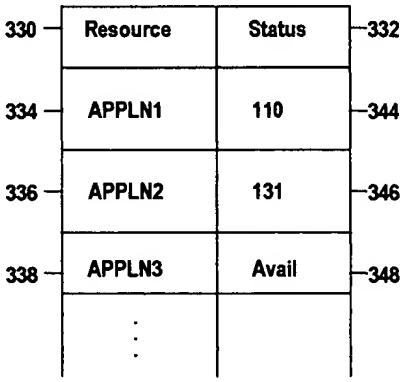
330
Resource
Status
332
334
APPLN1
110
344
336
APPLN2
131
346
338
APPLN3
Avail
348

FIG. 3B